

What is claimed is:

1. A mechanical model simulator, comprising:
 - 5 a part information storage unit storing three-dimensional shape and position information about each part and information about a moving unit of each part; and
 - 10 a user interface unit displaying the three-dimensional shape of each part and a model indicating the moving unit of each part based on contents stored in the said information storage unit, and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.
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 2. The simulator according to claim 1, wherein said user interface unit further displays a binding condition of each moving unit and a direction of propagation of a movement of the interlock.
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 3. The simulator according to claim 1, wherein said user interface unit further specifies a geometric binding condition, displays the geometric
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binding condition, and extracts and displays with high intensity a shape for determination of the specified geometric binding condition.

5 4. A computer-readable storage medium storing a program use to direct a computer to perform the function of

10 based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part and a model indicating the moving unit of each part, and specifying models of a plurality of moving units by a pointing device, thereby specifying a 15 drive unit and a subordinately moving unit interlocked with the drive unit.

5. The storage medium according to claim 4, further comprising the function of:

20 displaying a binding condition of each moving unit and a direction of propagation of a movement of the interlock, or specifying a geometric binding condition and extracting and displaying with high intensity a shape for determination of the 25 specified geometric binding condition.

6. A computer data signal embodied in a carrier wave storing a computer program used to direct a computer to perform

5 based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part and a model indicating the moving unit of each part,
10 and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.

15 7. An interlock system setting method, comprising based on three-dimensional shape and position information about each part stored in advance and information about a moving unit of each part, displaying the three-dimensional shape of each part and a model indicating the moving unit of each part,
20 and specifying models of a plurality of moving units by a pointing device, thereby specifying a drive unit and a subordinately moving unit interlocked with the drive unit.